

ABSTRACT

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14/10/02

A dragline excavation bucket control system, ^{including} ~~comprising~~ a pair of hoist ropes and a drag rope, the hoist ropes being coupled adjacent opposite ends of the bucket. The hoist ropes are supported on spaced sheaves on an excavation boom whereby the hoist ropes extending between the boom and bucket are substantially parallel and the boom support points and bucket attachment points for the hoist ropes are controllable to maintain an optimal carry attitude for a bucket when in use.